

## BSSP explosive triggered very large slide on NSS

Lone Mountain  
Northern Madison  
1/26/2024  
Code  
HS-ABc-R4-D3.5-O  
Elevation  
11000  
Aspect  
N  
Latitude  
45.27770  
Longitude  
-111.45100  
Notes

From email 1/26/24: "The NSS avalanched R3/4, D3.5 on a 6lb. shot on a stick. There were multiple basal layers involved, including gouging to the ground. Big avalanche and not a surprise. That zone has been filling in, growing in volume, and hardening in the wind.... Unsurprisingly, it did not take much added intensity to make it avalanche."

Number of slides  
1  
Number caught  
0  
Number buried  
0  
Avalanche Type  
Hard slab avalanche  
Trigger  
An explosive detonated above the snow surface (air blast)  
Trigger Modifier  
c-A controlled or intentional release by the indicated trigger  
R size  
4  
D size  
3.5  
Bed Surface  
O - Old snow  
Problem Type  
Persistent Weak Layer  
Slab Thickness units  
centimeters  
Single / Multiple / Red Flag  
Single Avalanche  
Advisory Year  
[23-24](#)